

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000288**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 14-Sep-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** 1 / 3 **HSR's:** 0 / 2 **NCR's:** 2 / 4

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	CWR-001 rev. 2 (crack in Skin Plate D butt joint)
2	Nonconformance Reports (NCRs)	NCR issued for heat straightening of stiffeners on Tower Mock-up Skin Plates without approval. NCR issued for repairs exceeding 10% weld length on 77m Tower Mock-up, Skin Plates A and B.
3	Major component movement	QA observed welding on the 77m Tower Mock-up: Continue repairs of Skin Plates A and E. QA observed welding on the 114m Tower Mock-up: Continue welding of Skin Plate Stiffeners.
4	Meetings attended	Caltrans met with ABF and ZPMC at 1400 to discuss the schedule for the next two days: Continue Material Verification over the weekend. Perform Mechanical testing of PQR on Monday. 77m Tower Mock-up: Continue repair Skin A and E Stiffeners. Diaphragms are waiting for flanges. 89m Tower Mock-up: No welding - submittal of weld details pending. 114m Tower Mock-up: Continue fitting and welding of Skin Plate stiffeners.
5	Key conversations	Caltrans met with ABF and ZPMC at 1330 to discuss issues related to fabrication: Heat Straightening of T-joint: ZMPC stated they thought they were pre-approved to heat straighten up to 3mm deviation on stiffeners, however, the actual tolerance is 3mm/1000mm. ZPMC stated they have already heat straightened several plates outside of the pre-approved range without submitting a request to the Engineer. Caltrans stated they were aware of this and were issuing a Non-Conformance Report today. ZPMC asked about the status of the UT calibration standards for UT of the

DAILY PROJECT JOURNAL

(Continued Page 2 of 2)

closed-rib PJP welds. ABF has not determined if these standards are acceptable or not. They anticipate looking at the samples on Monday. Caltrans brought up discrepancies observed with UT testing. Caltrans observed improper calibration, scanning level, lack of scan for laminations, and the technician did not know or have on his possession the acceptance criteria.

6	Quality Assurance Inspectors per shift	4 Day Shift (Acuna, Brannon, Franco on Island, Dixon at testing Lab.)
		2 Swing Shift (Smith, Viars)
		1 Graveyard Shift (Hasler)

Inspected By:	McClary,David
----------------------	---------------

Quality Assurance Inspector

Reviewed By:	Lowry,Patrick
---------------------	---------------

QA Reviewer
